

# Jayakumar C

**Mr. Jayakumar C**

Asst. Professor  
Dept. of Mathematics  
Christian College, Kattakada  
Thiruvananthapuram  
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## **ACADEMIC DETAILS**

<b>Course</b>	<b>Duration</b>	<b>University</b>
<b>M.Sc. Mathematics</b>	1997 -1999	Mahatma Gandhi University, Kottayam
B.Ed.	2000-2001	Mahatma Gandhi University, Kottayam
<b>SET</b>	2002	Government of Kerala
<b>NET</b>	2009	CSIR

## **AREA OF ACADEMIC INTERESTS**

Algebraic Graph Theory :A study on Graphs using Algebra and Vive Versa

## **ACADEMIC BODIES/ DUTIES**

- Contributions in Syllabus Restructuring for first degree programme in B.Sc. Mathematics (CBCSS)
- Prepared answer schemes for the valuation of answer scripts of Sc. Mathematics, University Of Kerala( Two Times)
- College Level Monitoring Committee Convenor, Christian college Kattakada (2017 onwards)
- Head of the Department of Mathematics
- IQAC Member
- Staff council Member

## CORE COMPETENCIES

- Special skills in teaching
- Expertise in handling Document Preparation system “LaTeX” and Programming language “Python”.
- Proficiency in using Mathematics teaching tools such as GEOGEBRA and SAGE

## RESEARCH/ ACADEMIC EXPERIENCE

### Month Year to till Date

Designation : Waiting for Ph.D registration order from University of Kerala

Institute :

### Month year – Month Year

Designation :

Institute :

## FUNDED RESEARCH PROJECTS

- Project title, Funding agency, Details

## BOOKS & CHAPTERS

- Title of chapter. **Chapter**. Name of the Book., Editor, Ed. Publisher, year., ISBN
- Title of Book. . Publisher, year., ISBN

## PUBLICATIONS

- Authors (Bold letter profile name), Year. Paper Title. *Journal Name*, Vol(No): Page Number.

## INVITED LECTURE ( COORDINATED BY ME)

- *Title of Talk*, Name of Seminar or workshop (Date and year) organized by Institution, Address.

- A talk on "Introduction to LaTeX" on 14/02/2012, PTA sponsored at Seminar Hall
- A talk on "Introduction to Geogebra ,an interactive geometry, algebra and Calculus application" on 04/02/2014, PTA sponsored at seminar hall
- A talk on "Introduction to Fractals" on 10/03/2015 ,PTA sponsored at seminar Hall
- A talk "Calculus through open source softwares" on 11/03/2016 at seminar hall
- A workshop on "Personality Development" on 14/03/2016 at seminar hall
- A talk on "The annals of Mathematics from antiquity to the present" at seminar hall on 14/03/2016
- Extension activity on "Introduction to LaTeX and Python" for the students of Madhava kavi memorial Govt.Arts and Science college on 10/09/2017 at Computer Lab, College
- A talk on "open source softwares for Mathematics" on 23/03/2018 at seminar hall.

## **SYMPOSIA & WORKSHOPS**

Participated in the

- three day workshop on "Maple-a Mathematical tool", sponsored by KSCSTE and organized by All Saints' college, Thumpa from 5-1-2011 to 7-1-2011.
- workshop sponsored by Department of collegiate education on "Methodology of Science with special emphasis on Python Learning" at KNM Govt.Arts&Science College on 25<sup>th</sup>&26<sup>th</sup> of August 2011.
- workshop sponsored by Department of collegiate education on "Essentials of LaTeX Programming" at KNM government college, Kanjiramkulam on 8<sup>th</sup> &9<sup>th</sup> December 2011
- three day national seminar on "LaTeX programming" sponsored by KSCSTE and organized by All Saints' college, Thumpa from 11-1-2012 to 13-1-2012

- UGC-sponsored orientation programme conducted by the UGC-Academic staff college, University of Kerala from 17/04/2012 to 14/05/2012.
- three day national seminar on “Essentials of LaTeX programming” sponsored by KSCSTE and organized by All Saints’ college, Thumpal from 21-11-2012 to 23-11-2012.
- 2 day national conference on “Discrete mathematics and applications” sponsored by UGC and organized by the department of Mathematics, Marthoma College, Thiruvalla from 6-12-2012 to 8-12-2012
- 2- day workshop on division of the syllabus of FDP in Mathematics under CBCSS”organised by the board of studies and Kerala state higher education council and conducted at Mar Ivanios College on 20<sup>th</sup> and 21<sup>st</sup> of March 2014.
- UGC-sponsored Refresher course in Mathematics conducted by the university of Kerala from 17/09/2014 to 07/10/2014.
- workshop on “Scientific computing using Python” sponsored by the department of collegiate education and organized by University College, Thiruvananthapuram from 13/01/2017 to 14/01/2017.
- workshop organized by the University level monitoring committee, University of Kerala on ‘‘ **The effective implementation of Continuous Evaluation**’’ on 10/02/2017.
- **Workshop on syllabus revision** sponsored by The University of Kerala and conducted by the board of studies at Govt. College for Women, Thiruvananthapuram from 8/03/2017 to 10/03/2017
- 2 –day national workshop on “Statistical Data analysis using R” conducted by the department of statistics, Govt. Victoria college, Palakkad on 4<sup>th</sup> and 5<sup>th</sup> December 2017.
- short-term course in Research Methodology conducted by UGC-HRDC University of Kerala from 22/02/2018 to 28/02/2018

## **ACHIEVEMENTS**

- Fellowships
- Rank
- State Level Eligibility Test(SET) in 2002
- UGC-NET UGC-CSIR NET in December 2009
- Young scientist award
- Discoveries/achievements in research

## **PERSONAL DETAILS**

Profile : Male, 40 years, Married with 2 children

Nationality : Indian

Date of Birth : 25/05/1977

Current Location : Sreemangalam, TNA A-10, Thampuran Nagar, Edapazhanji, Thiruvananthapuram

Name of Father : Sreedhara Warriar

Qualification : M.Sc. B.Ed. with SET and NET

Languages known : Malayalam, Hindi and English

Hobbies : Reading and singing

## **PERMANENT ADDRESS**

Residence Address .Padinjare warriam, Perissery P.O, Chengannur, pin-689121